

## **Biology 483 – Take-Home Final Fall 2023**

This last exam is worth 50 points and covers Lectures 14 – 17, including Social Behavior, Population Cycles, Genetic Diversity & Population Viability, and Thermoregulation and Water Balance. For each of these topics, I've posted papers from the primary literature from which I've derived the course content on my website:

<https://www.webpages.uidaho.edu/~jacks/Mammalogy.html>.

For the final, please choose one of these papers and write a summary of it. Please include a description of the issue the paper addresses, the data the author(s) generates and analyzes, what the conclusions are, and how they bear on the lecture topic. Please note that some of these papers present and test hypotheses whereas other papers are review papers. Either type is fine. I want you to focus on the topic you find most interesting.

I expect your summaries to be 1-2 pages. Please use normal-size font (12 point), one-inch margins, and double space.

**Please e-mail your final to me, either as a Word doc or as a PDF: [jacks@uidaho.edu](mailto:jacks@uidaho.edu).**